

CLAIMS:

1. A network comprising a plurality of sub-networks which each include terminals and which exchange data with each other via at least one bridge terminal in which a controller for controlling a sub-network is provided for connecting at least one other bridge terminal for data transfer between at least two sub-networks and file the bridge terminals are
5 synchronized with only one sub-network during certain periods.

2. A network as claimed in claim 1, characterized in that a bridge terminal is synchronized with at least two sub-networks over essentially the same period of time.

3. A network as claimed in claim 1, characterised in that a bridge terminal is provided for sending an absence message to a terminal functioning as a controller of the sub-network with which it is synchronized before the changeover from one sub-network to another sub-network and in that a bridge terminal, after the changeover of the sub-networks, sends a presence message to a terminal functioning as a controller of the sub-network with
15 which it is then synchronized.

4. A bridge terminal in a network comprising a plurality of sub-networks, each containing terminals, which, together with at least one other bridge terminal, is used for exchanging data between the sub-networks and is synchronized with only one sub-network
20 during certain periods of time.